Amendment to the Claims:

Please delete claims 1-23 of the parent application having the Application No. 09/910,066 and filed on July 20, 2001.

In this continuation application, please add the following new claims 24-49:

24. (new): A light-emitting device comprising:

a plurality of electrode layers, including an anode layer and a cathode layer;

an electro-luminescent organic layer disposed between the anode and cathode layers; and

a poly-siloxane insulating structure separating the electro-luminescent organic layer into a plurality of light-emitting elements,

wherein the electro-luminescent organic layer is deposited from solution using wet-chemical techniques.

25. (new): The device of claim 24 wherein the wet-chemical techniques comprise spin-casting, dip-coating, screen printing, flexo printing, or ink-jet printing.

26. (new): The device of claim 24 wherein the elecro-luminescent organic layer is substantially flat.

27. (new): The device of claim 24 wherein at least one electrode layer is configured to independently address at least one aperture of the poly-siloxane insulating structure as a display pixel, and wherein each of the at least one electrode layer is coupled to a corresponding transistor.

28. (new): The device of claim 24 wherein the poly-siloxane insulating structure forms a bank structure that insulates the plurality of light-emitting elements from each other.

29. (new): The device of claim 24 further comprising one or more insulating strips on the poly-siloxane insulating structure, and wherein at least one insulating strip comprises an overhanging portion or a base portion or both.

30. (new): The device of claim 29 wherein the at least one insulating strip comprises poly-siloxane material in one or both of the overhanging portion and the base portion.

31. (new): A method of fabricating a light-emitting device, the method comprising:

forming a first electrode layer on a substrate;

forming on the first electrode layer a poly-siloxane bank structure having apertures;

depositing from solution using wet-chemical techniques one or more organic layers into the apertures of the poly-siloxane bank structure; and

forming a second electrode layer such that the one or more organic layers deposited into the apertures are disposed between the first and second electrode layers.

32. (new): The method of claim 31 wherein the wet-chemical techniques comprise spin-casting, dip-coating, screen printing, flexo printing, or ink-jet printing.

33. (new): The method of claim 31 wherein each of the one or more organic layer is substantially flat.

34. (new): The method of claim 31 wherein depositing one or more organic layers comprises depositing an electro-luminescent organic layer.

35. (new): The method of claim 31 further comprising patterning the poly-siloxane bank structure to separate the light-emitting device into a plurality of pixels.

36. (new): The method of claim 31 wherein the poly-siloxane bank structure is formed before the one or more organic layers are deposited.

37. (new): The method of claim 31 further comprising forming one or more insulating strips on the poly-siloxane bank structure.

38. (new): The method of claim 37 wherein the one or more insulating strips are formed on the poly-siloxane bank structure between apertures.

39. (new): The method of claim 38 wherein the at least one insulating strip comprises an overhanging portion or a base portion or both.

40. (new): The method of claim 39 wherein the at least one insulating strip comprises poly-siloxane in one or both of the overhanging portion and the base portion.

41. (new): An organic light-emitting device (OLED) comprising:

a plurality of light-emitting elements, each light-emitting element comprising an electro-luminescent layer disposed between electrodes; and

at least one structure comprising poly-siloxane material, wherein the structure is configured to separate elements of the OLED,

wherein the electro-luminescent layer is formed by depositing solution using wet-chemical techniques.

42. (new): The OLED of claim 41 wherein the wet-chemical techniques comprise spin-casting, dip-coating, screen printing, flexo printing, or ink-jet printing.

43. (new): The OLED of claim 41 wherein the elecro-luminescent layer is substantially flat.

44. (new): The OLED of claim 41 wherein the at least one structure comprises a poly-siloxane bank structure configured to separate light-emitting elements from each other.

45. (new): The OLED of claim 44 wherein the poly-siloxane bank structure includes apertures into which light-emitting elements are arranged.

46. (new): The OLED of claim 44 wherein the poly-siloxane bank structure physically and electrically insulates the light-emitting elements from each other.

47. (new): The OLED of claim 41 further comprising one or more insulating strips on the at least one structure.

48. (new): The OLED of claim 47 wherein the at least one insulating strip comprises an overhanging portion or a base portion or both.

49. (new): The OLED of claim 48 wherein the at least one insulating strip comprises poly-siloxane material in one or both of the overhanging portion and the base portion.

Amendment to the Drawings:

The attached drawing is a new FIG. 3c. This sheet replaces the original FIG. 3c. In FIG. 3c, the arrow corresponding to "element 310" has been moved so that it properly points to the poly-siloxane insulating strip.

Attachment: Replacement Sheet
Annotated Sheet Showing Changes